

AN: PAT 1991-111013  
TI: Multiplexer-demultiplexer for digital hierarchy  
communications network has pulse frame structured as N-bit  
words incorporating stop word  
PN: EP422443-A  
PD: 17.04.1991  
AB: The multiplexer/demultiplexer has a time multiplex signal  
obtained by combining a digital signal and auxiliary digital  
information. The pulse frame of the time multiplex signal is  
structured as successive n-bit words incorporating a stop word  
(Z) with stop bits (14, 15) in the last bit position. The  
complete stop word (Z) is formed by bits of the digital signal  
with the stop bits (14, 15) repeated at the beginning of the  
following word (Wi+1). The n-bit words are entered in a buffer  
memory together with the stop word (Z), the stop bits  
overwritten by the next bit word.; Allows high bit repetition  
frequency of 139264 Kbit/s.  
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